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NOTICE OF ALLOWANCE AND FEE(S) DUE

24247

7590

08/18/2004

TRASK BRITT P.O. BOX 2550 SALT LAKE CITY, UT 84110 EXAMINER

HEINRICH, SAMUEL M

ART UNIT

PAPER NUMBER

1725

DATE MAILED: 08/18/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,676	05/21/2001	Frank L. Hall	4718US (00-0316)	1281

TITLE OF INVENTION: METHODS FOR PREPARING BALL GRID ARRAY SUBSTRATES VIA USE OF A LASER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$0	\$0	\$0	11/18/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450

	Alexandria, Virginia 22313-1450 or <u>Fax</u> (703) 746-4000						
maintenance fee notification	ons.	o in 15,00k 1, 05 (2	JE FEE and PUBI	ICATION FEE (if red	quired). Blocks 1 through 5 will be mailed to the curren ss; and/or (b) indicating a ser	should be completed where t correspondence address as parate "FEE ADDRESS" for	
	CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			papers. Each auguno	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must		
	24247 7590 08/18/2004			have its own certific	ate of mailing or transmission.		
TRASK BRITT P.O. BOX 2550 SALT LAKE CIT	Y, UT 84110			I hereby certify that States Postal Service addressed to the M	certificate of Mailing or Transthis Fee(s) Transmittal is being with sufficient postage for fiall Stop ISSUE FEE address PTO (703) 746-4000, on the	ng deposited with the United irst class mail in an envelope	
						(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVI	ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/863,676	05/21/2001		Frank L. Hal		4718US (00-0316)	1281	
	METHODS FOR PREPARIN						
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$0		\$0	\$0	11/18/2004	
EXAM	MINER	ART UN	ıt (CLASS-SUBCLASS			
HEINRICH,	SAMUEL M	1725		219-121690	_		
"Fee Address" indicate PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless	137 CTK 3.11. Completion	tion form e of a Customer E PRINTED ON T elow, no assignee of this form is NOT	or agents OR, alt (2) the name of a registered attorn 2 registered pate listed, no name v HE PATENT (print data will appear on a substitute for fili	a single firm (having as ey or agent) and the nan at attorneys or agents. I will be printed.	a member a 2 mes of up to f no name is 3 mee is identified below, the d	locument has been filed for	
Please check the appropriate	e assignee category or catego	ries (will not be pri	nted on the patent);	individual 🗅	corporation or other private gr	roup entity	
4a. The following fee(s) are	enclosed:		Payment of Fee(s):				
☐ Issue Fee		-	_	nount of the fee(s) is en			
☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to				
			Deposit Account N	umber	(enclose an extra c	opy of this form).	
	(from status indicated above IALL ENTITY status. See 3	•	□ b Applicant is no	nt claiming SMALL EN	TITY status. See, e.g., 37 CFI	2 1 27(a)(2)	
The Director of the USPTO	is requested to apply the Issu	e Fee and Publicati	on Fee (if any) or to	re-apply any previous	ly paid issue fee to the applica fistered attorney or agent; or the	tion identified above.	
(Authorized Signature)		(Date)					
submitting the completed ap this form and/or suggestions Box 1450, Alexandria, Virgi Alexandria, Virginia 22313-	plication form to the USPT(for reducing this burden, sh nia 22313-1450. DO NOT S 1450.	D. Time will vary dould be sent to the SEND FEES OR CO	lepending upon the Chief Information (OMPLETED FORM	is estimated to take 12 individual case. Any conficer, U.S. Patent and its TO THIS ADDRES:	the public which is to file (and minutes to complete, includin omments on the amount of tir Trademark Office, U.S. Deps S. SEND TO: Commissioner in	g gathering, preparing, and ne you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,	
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TRANSMIT THIS FORM WITH FEE(S)



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SALT LAKE	•	34110	ART UNIT	PAPER NUMBER	
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				DATE MAILED: 08/18/2004	4

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 287 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 287 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.